

# **Big Cypress Basin - Estero Bay Science Plan**

## **Restoration Projects Still Needed**

The following projects were identified as gaps in the Big Cypress Basin - Estero Bay Science Plan. This list represents the remaining science needs for this area.

1. Human Recreation Impacts in the Big Cypress Basin
2. Big Cypress Basin Wildlife Crossing Study
3. Effects of Grazing on Plant Communities
4. Impacts of Canal / Lake Management on Activities on Fish and Wildlife
5. Biological Inventory of Small Mammal Populations in the Big Cypress Basin
6. Review of Cumulative and Secondary Impacts in the Big Cypress Basin
7. Best Management Practices for Fish and Wildlife Conservation on Agricultural Operation
8. Biological Inventory: Reptile / Amphibian Populations in Big Cypress Basin
9. Monitoring and Modeling Global Climate Change Impacts
10. Biological Inventory of Landbirds
11. Manatee Seasonal Abundance, Distribution and Habitat Use
12. Watercraft Impacts
13. Biological Inventory: Raptors
14. Biological Inventory: Sea Turtles
15. Biological Inventory: Shorebirds
16. Distribution and Status of Listed Vascular Plant Species
17. Catastrophic Event Monitoring
18. Biological Inventory: Invertebrates, Arthropods, Insects and Crustaceans
19. Biological Inventory: Freshwater Fishes
20. Mollusk Inventory
21. Exotic Aquatics Invertebrates Monitoring
22. Wading Birds as Biological Indicators
23. Seagrass and Bathymetry Mapping
24. Minimum Flow Requirements
25. Ambient Stormwater Monitoring
26. Atmospheric Deposition Study
27. Water Quality and Flows in Wetlands South of Southern Golden Gate Estates Restoration
28. Bioassays to Assess Impact of Agricultural Chemicals
29. Development of Big Cypress Basin Water Budgets
30. Investigation of Deep Water Aquifer Water Sources
31. Updates to the Big Cypress Basin Research Database and GIS Map Component
32. Big Cypress Basin Water Quality Monitoring Consortium
33. Big Cypress Basin Region Science Coordinator